



Issue 165 July 15th, 2017

## Top links

### [Sexism in Amateur Radio](#)

Be aware of your unconscious biases.

[KD2GTM](#)

### [New FT8 digital mode from K1JT](#)

This is an incredibly fast mode but not as sensitive as JT65/JT9 as it decodes only down to -20dB.

[PE4BAS](#)

### [Amateur Radio Parity Act introduced to Senate](#)

Parity Act would direct the Federal Communications Commission (FCC) to provide regulatory parity for amateur radio operators.

[Senator Roger Wicker](#)

### [Virginia Tech, Radford University teams readying for eclipse](#)

Three teams of students and faculty from Virginia Tech will be spread out to measure the eclipse's effects on low frequency radar waves.

[The Roanoke Times](#)

### [New Podcast: The Field Radio Podcast](#)

The Field Radio Podcast is dedicated to exploring the amateur radio hobby through the lens of getting you and your gear outdoors.

[HamRadio360](#)

### [Steps to lower Noise Floor and revitalize AM Radio](#)

Background noise interference is degrading the quality of broadcast reception, two-way communications, mobile cellphone services and every other form of wireless communications used today at an alarming rate.

[Radio World](#)

### [Raspberry Pi rival delivers a 4K Android computer for just \\$25](#)

The Rock64 Media Board Computer may be a similar size to the best-selling \$35 Raspberry Pi but its specs help it to stand apart.

## Decode HD Radio on RTL-SDR

A cybersecurity researcher has cracked the codec used by the NRSC-5-C standard for US based terrestrial digital radio.

[K2DLS](#)

## Porch portable

During a break visiting relatives in Western NC I went outside, threw my end-fed antenna up into a tree, sat on the front porch swing, and worked stations in Maine, Kansas and Cuba.

[Ham Radio QRP](#)

## Video

### Battery-free cellphone

Harvests energy via ambient RF signals.

[University of Washington](#)

### Lightbulb vs radio beacon

N1SPY completed a project to make an ultra low power signal (QRP) travel around the world. His radio beacon used less power than a small light bulb.

[YouTube](#)

### Parks on the Air & outdoor Ham Radio fun

Join me as I activate McKinney Falls State Park in Austin, TX.

[K5ACL](#)

### 2m SOTA Summit pileup

A flurry of Summit to summit (S2S) calls were received from fellow activators out on other SOTA summits.

[M0JCQ's SOTA Channel](#)

### Getting Started on 6 meters, the magic band

If you are not familiar with this "Magic Band," check out this video and join the fun.

[HamRadioConcepts](#)

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Thank you for reading.

73

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